

In the claims:

1. (currently amended) An elastomeric cover for an orthopedic implant, said elastomeric cover having a seamless articulating surface which is at least part of a three-dimensional curved surface, wherein a cross-section of a portion of said seamless articulating surface is an arc that subtends an are-angle greater than 180 degrees, wherein said seamless articulating surface comprises a portion of a sphere greater than a hemisphere, and wherein said elastomeric cover comprises a mold-parting seam on a non-articulating surface thereof, said non-articulating surface comprising an extraneous portion extending away from said seamless articulating surface, and wherein said seamless articulating surface, said non-articulating surface and said extraneous portion are all invertible.

2-3. (cancelled)

4. (currently amended) The elastomeric cover according to claim 31, wherein said non-articulating surface comprises an inner surface of said elastomeric cover that is adapted to contact an outer surface of rigid part of an orthopedic implant.

5. (cancelled)

6. (currently amended) The elastomeric cover ~~efaccording to~~ claim 51, wherein said extraneous portion is removable prior to implantation of said orthopedic implant in a recipient.

7-21. (cancelled)

22. (new) The elastomeric cover according to claim 1, wherein said elastomeric cover is produced by at least one of injection molding and blow molding.

23. (new) The elastomeric cover according to claim 1, wherein said elastomeric cover has a thickness in a range of about 1 mm to about 4mm.

24. (new) The elastomeric cover according to claim 1, wherein said elastomeric cover has a material hardness in a range of about 60 Shore A to about 95 Shore A.

25. (new) The elastomeric cover according to claim 1, wherein said elastomeric cover has an elastic modulus in a range of about 10 to about 150 MPa.